Empowered by Innovation

# NEC EA273WMi-BK

**Order Code: EA273WMi-BK** | **NEC LCD 27" Desktop Display**

The NEC EA273WMi-BK features an extremely thin 27" IPS LED backlight panel with a resolution of 1920x1080 which results in an ultra-modern and slim design. Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. The ergonomic performance of this display is further enhanced by the relatively large dot pitch for easy text readability, which complements the excellent IPS image quality. Finally, the display offers future-proof connectivity with four inputs: DisplayPort, DVI-D, HDMI and D-Sub.

Ideal for the corporate office that values personal productivity, demands stylish products and insists on the best future proof technology.

## DELIVERING GENUINE BENEFITS

**Ambient Light Sensor -** with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

**Ergonomic Office -** full height adjustability (130 mm), swivel, tilt and pivot functionality ensures perfect individual ergonomic set-up.

**Feature Set for Perfect Office Use -** Integrated Speakers, headphone jack and USB Hub provide excellent options for office communication.

**Green Product Concept -** Eco Mode and Carbon Footprint Meter / Carbon Savings Meter, Ambient Light Sensor.

**Human Sensor -** detects the presence of a person in front of the screen; display switches on/off automatically depending on the presence of the user.

**Image display -** 27inch 16:9 IPS with LED backlight.

**DICOM Simulation -** for straightforward radiological review applications.

## OUTSTANDING PERFORMANCE

- **Ultra-modern and slim design.** The product design is discreet and puts priority on the screen image and function.
- **Ambient Light and Human Sensors.** The new sensor technologies provide a perfect image with minimum power consumption.
- **Improved ergonomics.** The ergonomic stand with 130 mm height adjustability allows greatest set-up flexibility.
- **Integrated Speakers, headphone jack and USB.** Hub provide excellent options for office communication.
- **ControlSync® technology** allows users to control up to six units in a multi-monitor configuration.

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## SPECIAL CHARACTERISTICS

Ambient light sensor for optimised brightness levels, Auto Contrast, Carbon Footprint Meter, Carbon Savings Meter, ControlSync®, Customise Setting, DICOM Simulation, EcoModes, Energy Star 6.0, ErgoDesign®: Height adjustable stand (130 mm) with 90° Pivot features, Human Sensor, LED Backlight Technology, USB ver. 2.0 (4 down / 1 up), Versatile and easy installation (VESA standard) with NaViSet and NaViKey, Windows 8 compatible

**Energy Efficiency** Ambient light sensor; Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Human sensor

**Ecological Materials** Efficient mechanical design for minimised packaging; Minimal use of harmful material

**Ecological Standards** TCO edge; EPEAT Gold; ErP compliant; TCO 6.0

## Technical Specification NEC EA273WMi-BK

| | |
|---|---|
| **DISPLAY** | |
| Panel Technology | IPS TFT with W-LED backlight |
| Screen Size [inch/cm] | 27 / 68.6 |
| Screen Aspect Ratio | 16:9 |
| Pixel Pitch [mm] | 0.311 |
| Brightness (typ.) [cd/m²] | 250 |
| Contrast Ratio (typ.) | 1000:1 (25000:1 dynamic contrast ratio) |
| Viewing Angle [°] | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1) |
| Response Time (typ.) [ms] | 6 |
| Colours [Mio.] | 16.77 |
| **SYNCHRONISATION RATE** | |
| Horizontal Frequency [kHz] | 31.5 - 83 |
| Vertical Frequency [Hz] | 56 - 75 |
| **RESOLUTION** | |
| Optimum Resolution | 1920 x 1080 at 60 Hz |
| Supported | 1920 x 1080; 1600 x 1200; 1280 x 1024; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 640 x 480 |
| **CONNECTIVITY** | |
| Digital | 1 x DVI-D (with HDCP); 1 x HDMI; USB ver. 2.0 (1 down / 4 up); 1 x DisplayPort |
| Analogue | 1 x mini D-sub 15 pin |
| **ELECTRICAL** | |
| Power Consumption on Mode [W] | 23 (typ.); 16 (Eco Mode); 31 (max.) |
| Power Savings Mode [W] | < 0.5 |
| Power Supply | 100-120 V/220-0 V; 0.85 A/0.45 A; internal power supply |
| **ENVIRONMENTAL CONDITIONS** | |
| Operating Temperature [°C] | +5 to +35 |
| Operating Humidity [%] | 20 to 80 |
| **ERGONOMICS** | |
| Height adjustable stand [mm] | 130 |
| Screen Tilt [°] | 5 to 30 |
| Screen Tilt / Swivel [°] | 170 to 170 |
| Screen Rotate [°] | 0 to 90 (landscape to portrait mode) |
| **MECHANICAL** | |
| Dimensions (W x H x D) [mm] | 639.3 x 418 x 230 |
| Weight [kg] | 8.7 |
| VESA Mounting [mm] | 100 x 100 |
| **ADDITIONAL FEATURES** | |
| Colour Versions | White Front Bezel, White Back Cabinet; Black Front Bezel, Black Back Cabinet |
| Cable Management | yes |
| Kensington security slot | yes |
| Plug and Play | VESA DDC/CI; DDC2B/2Bi; EDID Standard |
| Audio | 1W + 1W (De-activateable); Headphone Jack |
| Adjust Functions | Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; Fine Adjust (analogue); Human Sensing; Intelligent Power Management; Language Select; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB |
| Shipping Content | Monitor; Power Cable; Control Sync Cable; USB Cable; Audio Cable; CD-ROM; Sales Office List; User Manual<br>Signal Cable: VGA - VGA; DVI-D - DVI-D |
| Safety and Ergonomics | Energy Star 6.0; EPEAT™ Gold; CE; ErP; TCO 6.0; TÜV Ergonomics; TÜV GS; FCC Class B; PCT/Gost; UL/C-UL or CSA; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; RoHS |
| Warranty | Conditional 3 years warranty including backlight |

**For more information, visit www.nec.com.au, email contactus@nec.com.au or call 131 632**


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